EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((TSUGIO) near2 (AMBO)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:16
S3	3	((YOSHIKATSU) near2 (HASEGAWA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:17
S2	23	((SATORU) near2 (FUJIWARA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:17
S5	134	((TAKESHI) near2 (ONO)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:18
S4	5	((CHIHIRO) near2 (NAKAGAWA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:18
S9	168	S1 S2 S3 S4 S5 S8	US-PGPUB; USPAT	OR	ON	2009/05/10 09:19
S8	3	((KATSUJI) near2 (SHIMAZAWA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:19
S23	2775	(@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert$3 near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2009/05/10 10:40
S24	365	(@AD<"20040331") ((wiring or circuit) adj board) (board near5 (epoxy or resin or XR)) (track or trace or pattern or foil) (pin near3 insert$3 near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2009/05/10 10:41

S25	38	(@AD<"20040331") ((wiring or circuit) adj board) (board near5 (epoxy or resin or XR)) (track or trace or pattern or foil) (pin near3 insert$3 near5 (hole or via)) (stack$3 near5 board)	US-PGPUB; USPAT	AND	ON	2009/05/10 10:45
S27	19	(@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert$3 near5 (hole or via)) ((jump or jumper) near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2009/05/10 10:55
S32	653	(@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert$3 near5 (hole or via)) (pin near5 (block or base))	US-PGPUB; USPAT	AND	ON	2009/05/10 11:26
S36	266	(@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert$3 near5 (hole or via)) (pin near5 (block or base)) ((housing or case or frame) near5 pin)	US-PGPUB; USPAT	AND	ON	2009/05/10 11:35
S43	6089	(@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) (track or trace or pattern or foil)	US-PGPUB; USPAT	AND	ON	2009/05/10 12:51
S46	1029	(@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) ((track or trace or pattern) near5 foil)	US-PGPUB; USPAT	AND	ON	2009/05/10 12:55
S49	311	(@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) ((track or trace or pattern) near5 (metal adj (foil or sheet or plane)))	US-PGPUB; USPAT	AND	ON	2009/05/10 12:58
S50	6	(@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) ((track or trace or pattern) near5 (metal adj (foil or sheet or plane))) ((metal adj (foil or sheet or plane)) near5 punch$3)	US-PGPUB; USPAT	AND	ON	2009/05/10 13:00
S57	10	(@AD<"20040331") ((Thompson adj blade) near5 punch$3)	US-PGPUB; USPAT	AND	ON	2009/05/10 13:22
S58	3994	(@AD<"20040331") (blow$3 near5 (air near2 nozzle))	US-PGPUB; USPAT	AND	ON	2009/05/11 08:21

S60	2	(@AD<"20040331") (sheet near2 holding near2 (air near2 nozzle))	US-PGPUB; USPAT	AND	ON	2009/05/11 08:22
S59	156	(@AD<"20040331") (holding near5 (air near2 nozzle))	US-PGPUB; USPAT	AND	ON	2009/05/11 08:22
S61	1	("5836582".pn.) ((holding or held) with sheet) (blow$3 or injection) section nozzle	US-PGPUB; USPAT	AND	ON	2009/05/11 09:37
S62	17	(@AD<"20040331") ((sheet near2 (holding or held)) with (push near2 (pin or rod)))	US-PGPUB; USPAT	AND	ON	2009/05/11 09:43
S63	14	(@AD<"20040331") ((sheet near2 (holding or held)) with (push near2 (pin or rod))) (cut or cutting or punch$3)	US-PGPUB; USPAT	AND	ON	2009/05/11 09:44
S64	10	(@AD<"20040331") ((sheet near2 (holding or held)) with (push near2 (pin or rod))) (cut or cutting or punch$3) plac$3	US-PGPUB; USPAT	AND	ON	2009/05/11 09:57
S65	1176	(@AD<"20040331") ((wiring or circuit) adj board) (board near5 ((pin or protrusion) near5 (hole or depression))) (board near5 (stack$3 or align $4))	US-PGPUB; USPAT	AND	ON	2009/05/11 11:54
S67	269	(@AD<"20040331") ((wiring or circuit) adj board) (board near5 ((pin or protrusion) near3 (hole or depression)) near3 (stack$3 or align$4))	US-PGPUB; USPAT	AND	ON	2009/05/11 11:55
S66	512	(@AD<"20040331") ((wiring or circuit) adj board) (board near5 ((pin or protrusion) near5 (hole or depression)) near5 (stack$3 or align$4))	US-PGPUB; USPAT	AND	ON	2009/05/11 11:55
S68	245	S65 S67	US-PGPUB; USPAT	AND	ON	2009/05/11 11:56
S69	272	(@AD<"20040331") ((wiring or circuit) adj board) (board near3 (pin or protrusion)) (board near3 (hole or depression)) (((pin or protrusion)) near5 (hole or depression)) near5 (board near5 (stack$3 or align$4)))	US-PGPUB; USPAT	AND	ON	2009/05/11 12:54
S70	175	S68 S69	US-PGPUB; USPAT	AND	ON	2009/05/11 12:55

S72	8	(@AD<"20040331") ((wiring or circuit) adj board) (board near3 (protrusion)) (board near3 (hole or depression)) (((protrusion) near5 (hole or depression)) near5 (board near5 (stack$3 or align$4)))	US-PGPUB; USPAT	AND	ON	2009/05/11 12:59
S71	13	(@AD<"20040331") ((wiring or circuit) adj board) (board near3 (pin or protrusion)) (board near3 (hole or depression)) (((protrusion) near5 (hole or depression)) near5 (board near5 (stack$3 or align$4)))	US-PGPUB; USPAT	AND	ON	2009/05/11 12:59
S73	221	(@AD<"20040331") ((wiring or circuit) adj board) (end near2 (connecting near2 pin))	US-PGPUB; USPAT	AND	ON	2009/05/11 13:48
S74	151	(@AD<"20040331") ((wiring or circuit) adj board) ((connecting near2 pin) near5 (end near2 (connecting near2 pin)))	US-PGPUB; USPAT	AND	ON	2009/05/11 13:49
S76	15	(@AD<"20040331") ((wiring or circuit) adj board) (board with ((block or body) near3 (pin and (hole or receptacle)))) ((block or body) near5 resin)	US-PGPUB; USPAT	AND	ON	2009/05/11 15:32
S75	130	(@AD<"20040331") ((wiring or circuit) adj board) (board with ((block or body) near3 (pin and (hole or receptacle))))	US-PGPUB; USPAT	AND	ON	2009/05/11 15:32
S77	4	(@AD<"20040331") (((wiring or circuit) adj board) near5 stack$3) (board near5 connector) (connector near3 (pin and (hole or receptacle))) (connector with resin)	US-PGPUB; USPAT	AND	ON	2009/05/11 15:49
S78	1528	174/261.cor. 361/784,785,790. cor. 29/830.cor.	US-PGPUB; USPAT	OR	ON	2009/05/11 17:06
S80	10	S78 S79	US-PGPUB; USPAT	AND	ON	2009/05/11 17:08
S79	953	(@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert$3 near5 (hole or via)) (pin near5 (block or body or base))	US-PGPUB; USPAT	AND	ON	2009/05/11 17:08

L4	145	(@AD<"20040331") ((wiring or circuit) adj board) (anchor adj pin)	US-PGPUB; USPAT	AND	ON	2010/06/05 11:48
L3	0	(@AD<"20040331") ((wiring or circuit) adj board) (board near5 (epoxy or resin or XR)) (track or trace or pattern or foil) ((anchor adj pin) near3 insert$3 near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2010/06/05 11:48
L5	21	(@AD<"20040331") (((wiring or circuit) adj board) with (anchor adj pin))	US-PGPUB; USPAT	AND	ON	2010/06/05 11:49
L9	0	(@AD<"20040331") (((wiring or circuit) adj board) with (anchor adj pin)) ((anchor adj pin) near5 (hole or aperature) near2 (conduct$3 or copper or metal) near2 (trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2010/06/05 12:15
L8	39	(@AD<"20040331") ((wiring or circuit) adj board) ((projection or protusion or pin) near5 (hole or aperature) near2 (conduct$3 or copper or metal) near2 (trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2010/06/05 12:15
L11	23	(@AD<"20040331") (((wiring or circuit) adj board) near5 (projection or protusion or pin)) ((projection or protusion or pin) near5 (hole or aperature) near2 (conduct$3 or copper or metal) near2 (trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2010/06/05 12:16
L10	0	(@AD<"20040331") ((wiring or circuit) adj board) ((anchor adj pin) near5 (hole or aperature) near2 (conduct$3 or copper or metal) near2 (trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2010/06/05 12:16
L12	25	(@AD<"20050329") (((wiring or circuit) adj board) near5 (projection or protusion or pin)) ((projection or protusion or pin) near5 (hole or aperature) near2 (conduct$3 or copper or metal) near2 (trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2010/06/05 14:00
L14	239	(@AD<"20040331") ((wiring or circuit) adj board) (pin near3 insert$3 near5 (hole or via or recess)) (pin near5 (rectangular or aquare))	US-PGPUB; USPAT	AND	ON	2010/06/05 15:55

L15	57	(@AD<"20040331") ((wiring or circuit) adj board) (pin near3 insert$3 near5 (hole or via or recess)) (pin near5 (rectangular or aquare) near2 (cross adj section))	US-PGPUB; USPAT	AND	ON	2010/06/05 15:56
L16	43	(@AD<"20040331") (((wiring or circuit) adj board) near5 (hole or via or aperature or recess)) (pin near3 insert$3 near5 (hole or via or aperature or recess)) (pin near5 (rectangular or aquare) near2 (cross adj section))	US-PGPUB; USPAT	AND	ON	2010/06/05 16:02
L17	225	(@AD<"20040331") (((wiring or circuit) adj board) near5 (opening or recess)) ((conduct $3 or jump) near5 insert$3 near5 (opening or recess))	US-PGPUB; USPAT	AND	ON	2010/06/05 16:42
L18	207	(@AD<"20040331") (((wiring or circuit) adj board) near5 (opening or recess)) ((conduct $3 or jump) near5 insert$3 near5 (opening or recess)) (connect$3 near5 (layers or boards))	US-PGPUB; USPAT	AND	ON	2010/06/05 16:43
L19	94	(@AD<"20040331") (((wiring or circuit) adj board) near5 (opening or recess)) ((conduct $3 or jump) near5 insert$3 near5 (opening or recess)) ((conduct$3 or jump) near5 connect$3 near3 (layers or boards))	US-PGPUB; USPAT	AND	ON	2010/06/05 16:44
L20	0	(@AD<"20040331") (((wiring or circuit) adj board) near5 (opening or recess)) ((jump) near5 insert$3 near5 (opening or recess)) ((jump) near5 connect$3 near3 (layers or boards))	US-PGPUB; USPAT	AND	ON	2010/06/05 16:53
L22	15	(US-20010048492-$ or US-20020090540-$).did. or (US-3688248-$ or US-4435741-$ or US-4333233-$ or US-3920301-$ or US-4487463-$ or US-4641426-$ or US-4746301-$ or US-4769907-$ or US-4775326-$ or US-4867691-$ or US-4948375-$ or US-5076796-$ or US-5373626-$).did.	US-PGPUB; USPAT	AND	ON	2010/06/05 17:29

L24	1	22 23	US-PGPUB; USPAT	AND	ON	2010/06/05 17:30
L23	13	(US-20030102357-$).did. or (US-7099155-$ or US-5017145-$ or US-5456608-$ or US-6265842-$ or US-5434749-$ or US-4780957-$ or US-4937932-$ or US-5836582-$ or US-5718057-$ or US-4950170-$ or US-4867691-$ or US-6995650-$).did.	US-PGPUB; USPAT	AND	ON	2010/06/05 17:30
L25	1803	174/261.cor. 361/764,784,785,790.cor. 439/68,72,82,787.cor.	US-PGPUB; USPAT	OR	ON	2010/06/05 17:37
L26	3	19 25	US-PGPUB; USPAT	AND	ON	2010/06/05 17:38

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